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| <b>CERTIFICATE OF MAILING BY FIRST CLASS MAIL (37 CFR 1.8)</b>  |  |                       | Docket No.<br>134/133 |                        |
| Applicant(s): Jesus Martinez, et al.  |  |                       |                       |                        |
| Application No.<br>10/749,847   | Filing Date<br>1/2/06<br><i>U.S. PATENT &amp; TRADEMARK OFFICE</i> | Examiner<br>A. Rotuna | Customer No.<br>27612 | Group Art Unit<br>1723 |
| Invention: A Radial Dipersion Mass Transfer System Having a Semi-Permeable Tubular Hollow Fiber Membrane Wound Around a Porour Core   |  |                       |                       |                        |
| <p>I hereby certify that this <u>Amendment</u> _____<br/>(Identify type of correspondence)</p> <p>is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on<br/><u>June 11, 2006</u><br/>(Date)</p> <p><u>Edgar W. Averill, Jr.</u><br/>(Typed or Printed Name of Person Mailing Correspondence)</p> <p><u><i>Edgar W. Averill, Jr.</i></u><br/>(Signature of Person Mailing Correspondence)</p> |  |                       |                       |                        |
| <p>Note: Each paper must have its own certificate of mailing.</p> <div style="border: 1px solid black; height: 250px; width: 100%;"></div>  |  |                       |                       |                        |



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

In re the Application of

JESUS MARTINEZ, et al.

For: A RADIAL DISPERSION MASS TRANSFER  
DEVICE HAVING A SEMI-PERMEABLE TUBULAR  
HOLLOW FIBER MEMBRANE WOUND AROUND  
A POROUS CORE

Serial No. 10/749,847

Filed: 01/02/2004

) Art Unit: 1723

) Examiner: A. Fortuna

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) July 3, 2006

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

**REMARKS**

The Office Action of May 9, 2006 has been carefully considered. Claim 1 was rejected as obvious over Thibos. Applicants' Claim 1 includes the following limitations not taught by Thibos:

1. "...said core having a baffle positioned against said inner surface interrupting said inner passageway so that **bulk fluid entering said inlet end must exit said inner passageway, pass outwardly through said pores on a feed side of said baffle to**